

## Identification

PbSO<sub>4</sub>  
M = 303,25 g/mol  
CAS [7446-14-2]  
EC number: 231-198-9  
Taric code: 2833 29 70

## Applications

analytical chemistry, pigment, electrolyte for batteries.

## Specifications

assay (complexometric)..... min. 98 %	chlorides (Cl)..... max. 0,01 %
insoluble in NH <sub>4</sub> CH <sub>3</sub> COO..... max. 0,1 %	iron (Fe)..... max. 0,005 %

## Physical data

- Spec. Density: 6,2 g/cm<sup>3</sup>
- Solub. in water: (20 °C): 0,045 g/l
- Melting point: 1170 °C
- pH < 1

## Safety - GHS

**Signal Word:** Danger

### Hazard Statements:

H360Df: May damage the unborn child. Suspected of damaging fertility.  
H373: May cause damage to organs through prolonged or repeated exposure.  
H400: Very toxic to aquatic life.  
H410: Very toxic to aquatic life with long lasting effects.  
H302: Harmful if swallowed.  
H332: Harmful if inhaled.  
EUH201: Contains lead. Should not be used on surfaces liable to be chewed or sucked by children.



### Precautionary Statements:

P260: Do not breathe dust / fume / gas / mist / vapours / spray.  
P280: Wear protective gloves / protective clothing / eye protection / face protection.  
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P405: Store locked up.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

## Transport/storage

- ADR: 8 C2 II • UN 1794 • LEAD SULPHATE
- IMDG: 8 II • UN 1794 • LEAD SULPHATE
- IATA/ICAO: 8 II • UN 1794 • LEAD SULPHATE
- PAX: 814
- CAO: 816
- 15°C - 25°C